

Title (en)
SYSTEM FOR SENSING POSITION IN SUBJECT

Title (de)
SYSTEM ZUM NACHWEIS DER POSITION IN EINER PERSON

Title (fr)
SYSTEME DE DETECTION DE POSITION CHEZ UN SUJET

Publication
EP 1698278 A1 20060906 (EN)

Application
EP 04788428 A 20040930

Priority
• JP 2004014400 W 20040930
• JP 2003430406 A 20031225

Abstract (en)
The system includes a test capsule (2) with an embedded permanent magnet and a position transducer (3) that detects the position of the test capsule (2) based on the intensity of the constant magnetic field generated from the permanent magnet embedded in the test capsule (2). The position transducer (3) includes magnetic field detectors (6a to 6h), fixing members (7a, 7b) that fix the magnetic field detectors (6a to 6h) to a subject (1), and a position information calculator (8) that calculates the distance between the test capsule (2) and the magnetic field detectors (6a to 6h) based on the magnetic field intensity detected by the magnetic field detectors (6a to 6h) to calculate the position of the test capsule (2) based on the calculated distance.

IPC 8 full level
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CPC (source: EP US)
A61B 1/041 (2013.01 - EP US); **A61B 5/062** (2013.01 - EP US); **A61B 1/273** (2013.01 - EP US); **A61B 1/31** (2013.01 - EP US)

Cited by
CN110312462A; US9769004B2; US9788708B2; US9900109B2; US10320491B2

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DE FR GB

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US 2005143648 A1 20050630; US 7580739 B2 20090825; EP 1698278 A1 20060906; EP 1698278 A4 20090603; JP 2005185499 A 20050714; JP 4150663 B2 20080917; WO 2005063123 A1 20050714

DOCDB simple family (application)
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